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# Plant Variety Protection Office Official Journal



U.S. PLANT VARIETY  
PROTECTION OFFICE  
RECEIVED



## PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office  
Commodities Scientific Support Division  
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Beltsville, Maryland 20705

1989 OFFICIAL JOURNAL INDEX

CONTENTS

	PAGE
I. Index to Applications Pending Final Action as of December 31, 1989.....	3
II. Index to Applications Abandoned, Withdrawn, Denied, or Ineligible January 1 to December 31, 1989.....	39
III. Index to Certificates Issued in 1989.....	41
IV. Index to Certificates Expired in 1989.....	57

INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and is being examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>ALFALFA</b>			
8900132	5262		Pioneer Hi-Bred International, Inc.
8900133	5364		Pioneer Hi-Bred International, Inc.
8900181	5683		Pioneer Hi-Bred International, Inc.
8900229	Magnum III	(2)	Dairyland Seed Company, Inc.
8900266	WL 317		W-L Research, Inc.
8900278	Crockett		Northrup King Co.
8900282	Multileaf 1		Northrup King Co.
<b>BARLEY</b>			
8500216	WestBred Barcott	(*)	Western Plant Breeders, Inc.
8500219	Poco II		Wilbur-Ellis Company - Desert Division
8600007	Heavyweight	(3)	Plant Breeders 1, Inc.

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

U Identifies temporary designations.

INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>BARLEY (Continued)</b>			
8600081	BL202	(3)	Busch Agricultural Resources, Inc.
8600082	BL201	(3)	Busch Agricultural Resources, Inc.
8600083	BL601	(3)	Busch Agricultural Resources, Inc.
8600084	BL602	(3)	Busch Agricultural Resources, Inc.
8600112	Corniche	(3)	Hurst Gunson Cooper Taber, Ltd.
8600113	Camargue	(3)	Hurst Gunson Cooper Taber, Ltd.
8700021	Semira	(3)	Svalof AB
8700053	Fiesta	(*)	Western Plant Breeders, Inc.
8700186	Camelot	(1)	MWG Agri-Seed
8800041	Pennco	(3)	Pennsylvania Agricultural Experiment Station and USDA-ARS
8800060	BL203	(3)	Busch Agricultural Resources, Inc.
8800061	BL603	(3)	Busch Agricultural Resources, Inc.
8800084	WestBred Waxbar	(*)	Western Plant Breeders, Inc.
8800236	WestBred Sprinter	(*)	Western Plant Breeders, Inc.
8900089	Winchester	(*)	Western Plant Breeders, Inc.
8900090	B2601	(3)	Busch Agricultural Resources, Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>BARLEY (Continued)</b>			
8900139	Chopper	(2)	Wisconsin Agricultural Experiment Station
8900140	Bounty	(2)	Wymore Farms
8900267	<AC82-117-11>	(2)	Adolph Coors Company
8900268	<AC84-66-15>	(3)	Adolph Coors Company
9000026	Selway	(3)	Plant Breeders 1 Inc.
<b>BEAN, FIELD</b>			
8900127	Cinnabar		Rogers Brothers Seed Company
8900128	Flint		Rogers Brothers Seed Company
8900129	<D80024>		Rogers Brothers Seed Company
8900186	Mayflower		Michigan State University, Agricultural Experiment Station
8900187	<D81126>		Rogers Brothers Seed Company
8900188	<D81127B>		Rogers Brothers Seed Company
8900189	<D82166>		Rogers Brothers Seed Company
8900190	<D83043>		Rogers Brothers Seed Company
8900191	<D83045>		Rogers Brothers Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

6	APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
BEAN, FIELD (Continued)				
	8900192	<DB83353>		Rogers Brothers Seed Company
	8900193	<DB83360>		Rogers Brothers Seed Company
	8900200	Anasazi	(2)	Adobe Milling Co., Inc.
	8900217	<XP-B212>		Asgrow Seed Company
	8900253	UI 686	(3)	University of Idaho
	8900254	UI 722	(3)	University of Idaho
	8900255	UI 906	(3)	University of Idaho
BEAN, GARDEN				
	8600053	Goldkist		Gallatin Valley Seed Co.
	8600095	Bronco		Asgrow Seed Company
	8600099	Podsquad		Asgrow Seed Company
	8600160	Sprout		Asgrow Seed Company
	8700024	Stiletto		Ferry-Morse Seed Company
	8700025	Blue Knight		Ferry-Morse Seed Company
	8700149	Champ		Gallatin Valley Seed Co.
	8700150	Stride		Gallatin Valley Seed Co.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
BEAN, GARDEN (Continued)			
8800011	Trueblue		Ferry-Morse Seed Company
8800019	Slenderella		Ferry-Morse Seed Company
8800025	Flatbush		Ferry-Morse Seed Company
8800042	Shore		Ferry-Morse Seed Company
8800069	Early Sunray		Bakker Brothers of Idaho, Inc.
8800091	Applause		Asgrow Seed Company
8800107	Colt		Rogers Brothers Seed Company
8800108	Minigreen		Rogers Brothers Seed Company
8800109	McHarvest		Rogers Brothers Seed Company
8800110	<BX 156-2-3-6>		Rogers Brothers Seed Company
8800111	Kent		Rogers Brothers Seed Company
8800112	<Wax 79-216>		Rogers Brothers Seed Company
8800118	Homestyle		Asgrow Seed Company
8800162	Biscayne		Ferry-Morse Seed Company
8900038	Blue Ridge		Ferry-Morse Seed Company
8900039	Derby		Ferry-Morse Seed Company
8900040	Hialeah		Ferry-Morse Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
BEAN, GARDEN (Continued)			
8900041	Primo		Perry-Morse Seed Company
8900131	Bush Romano	635	Rogers Brothers Seed Company
8900151	Acclaim		Asgrow Seed Company
8900152	Tena		Asgrow Seed Company
8900153	Magnum		Asgrow Seed Company
8900163	Brio		Asgrow Seed Company
8900164	Legion		Asgrow Seed Company
8900165	Mustang		Asgrow Seed Company
8900184	Label		Vilmorin, S.A.
8900185	Vibel		Vilmorin, S.A.
8900199	Crest		Asgrow Seed Company
8900245	Irina		van Waveren-Pflanzenzucht GmbH
8900246	Omega		van Waveren-Pflanzenzucht GmbH
8900247	<WAV 610>		Vilmorin, S.A.
8900248	Castel		Harris Moran Seed Company
9000056	Espada		Ferry-Morse Seed Company
9000057	Satin		

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APFL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
BENTGRASS, COLONIAL 8900219	Grasslands Egmont	(1)	Grasslands Division, New Zealand Dept. of Scientific & Industrial Research
BENTGRASS, CREEPING 8800047	SR 1020		Seed Research of Oregon, Inc.
8800225	National		Pickseed West Inc.
8900086	Cobra		International Seeds Inc.
8900287	Providence		University of Rhode Island
BLUEGRASS, KENTUCKY 8800230	Lofts 1757	(3)	Lofts Seed, Inc.
8900001	Bronco	(2)	Pickseed West Inc.
8900052	<Limousine>		Deutsche Saatveredelung Lippstadt - Bremen GmbH
8900085	Barsweet	(3)	Barenbrug Holland B.V.
8900196	Ampelia	(3)	Cebeco-Handelsraad
8900250	Minstrel		D.J. van der Have B.V.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>BLUEGRASS, KENTUCKY (Continued)</b>			
8900251	Cocktail		D.J. van der Have B.V.
9000009	Opal	(3)	W. Weibull AB
9000041	Alpine		Pickseed West Inc.
<b>BLUEGRASS, ROUGH</b>			
8900288	<RH-86>		Lofts Seed, Inc.
<b>CARROT</b>			
8900329	Texas Gold Spike		Texas Agricultural Experiment Station
<b>CAULIFLOWER</b>			
8900126	Himalaya		Royal Sluis, Inc.
8900166	Snowtop		North American Seed Co., Inc.
8900171	White Diamond		Sunseeds Genetics, Inc.
8900216	Minaret		TS Seeds B.V. and Meo Voto Beheer B.V.
8900273	Sernio		Royal Sluis, Inc.
9000020	Alberta RZ		Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
CAULIFLOWER	(Continued)		
9000021	Exponent		Rijk Zwaan Zaadteelt en Zaadhandel B.V.
9000022	Ostrea		Rijk Zwaan Zaadteelt en Zaadhandel B.V.
CELERY			
8900005	Starlet		Royal Sluis, Inc.
8900100	Hercules		Ferry-Morse Seed Company
9000031	<85-16A-3>		Tanimura & Antle, Inc.
CLOVER, CRIMSON		(1)	Florida Agricultural Experiment Station
8800203	Flame		
CORN, FIELD			
8700196	IBB15		DeKalb-Pfizer Genetics
8700198	IBC2		DeKalb-Pfizer Genetics
8800190	HB8229		DeKalb-Pfizer Genetics
8800191	6M502		DeKalb-Pfizer Genetics
8800192	IBB14		DeKalb-Pfizer Genetics

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
CORN, FIELD (Continued)			
8800195	78551S		DeKalb-Pfizer Genetics
8900075	1538		United AgriSeeds, Inc.
8900092	WIL900		Wilson Hybrids, Inc.
8900093	WIL901		Wilson Hybrids, Inc.
8900094	WIL903		Wilson Hybrids, Inc.
8900095	CR14		J. C. Robinson Seed Co.
8900156	WIL500		Wilson Hybrids, Inc.
8900201	<L 127>		Lifaco Seed Corporation
8900202	<L 135>		Lifaco Seed Corporation
8900203	<L 139>		Lifaco Seed Corporation
8900226	J8606		Northrup King Co.
8900227	W8555		Northrup King Co.
8900233	E8501		Northrup King Co.
8900234	792		Agrigenetics Company, Division of
8900260	J17		The Lubrizol Corporation
8900263	4N506		Funk Seeds International

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
CORN, FIELD (Continued)			
8900307	PHJ31	Pioneer	Hi-Bred International, Inc.
8900308	PHJ33	Pioneer	Hi-Bred International, Inc.
8900309	PHJ70	Pioneer	Hi-Bred International, Inc.
8900310	PHJ75	Pioneer	Hi-Bred International, Inc.
8900311	PHK35	Pioneer	Hi-Bred International, Inc.
8900312	PHM10	Pioneer	Hi-Bred International, Inc.
8900313	PHM57	Pioneer	Hi-Bred International, Inc.
8900314	PHN29	Pioneer	Hi-Bred International, Inc.
8900315	PHN37	Pioneer	Hi-Bred International, Inc.
8900316	PHN73	Pioneer	Hi-Bred International, Inc.
8900317	PHN82	Pioneer	Hi-Bred International, Inc.
8900318	PHP55	Pioneer	Hi-Bred International, Inc.
8900319	PHP60	Pioneer	Hi-Bred International, Inc.
8900320	PHR62	Pioneer	Hi-Bred International, Inc.
8900321	PHR63	Pioneer	Hi-Bred International, Inc.
8900322	PFT22	Pioneer	Hi-Bred International, Inc.
8900323	PHV37	Pioneer	Hi-Bred International, Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>CORN, FIELD</b> (Continued)			
8900324	PHW03		Pioneer Hi-Bred International, Inc.
8900325	PHW20		Pioneer Hi-Bred International, Inc.
8900326	PHW43		Pioneer Hi-Bred International, Inc.
9000016	2FAAC		Dekalb-Pfizer Genetics
9000047	LH195		Holden's Foundation Seeds, Inc.
9000048	LH204		Holden's Foundation Seeds, Inc.
9000049	LH205		Holden's Foundation Seeds, Inc.
9000050	LH210		Holden's Foundation Seeds, Inc.
9000051	LH211		Holden's Foundation Seeds, Inc.
<b>COTTON</b>			
8800117	PD-3	(3)	South Carolina Agricultural Experiment Station and USDA-ARS
8800133	HAS 270		Terra International, Inc.
8800197	KC311		Northrup King Co.
8900026	Kings Acala M 5	(1)	V. T. Walhood and Westlake Farms, Inc.
8900078	Southland M1		Southland Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
COTTON (Continued)			
8900104	HS-46		J & S Research Company, Inc.
8900105	Deltapine 51		Delta & Pine Land Company
8900114	Bronco 360		Bronco Seed Company
8900125	Rogers LG 86		Rogers LG Cottonseed Co.
8900169	Coyote		Sally Vreesis Fox
8900170	Green		Sally Vreesis Fox
8900207	S-35		Seed Source, Inc.
8900208	S-55		Seed Source, Inc.
8900252	Coker 130	(3)	Northrup King Co.
8900269	Paymaster 147	(3)	Cargill Hybrid Seeds
8900270	Paymaster 892	(3)	Cargill Hybrid Seeds
8900290	Coker 320		Northrup King Co.
9000019	GP 74+	(3)	G. & P. Seed Co., Inc.
9000032	GSC 1093		Lubrizol dba Agri genetics Corporation

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
CUCUMBER 8900073	Arkansas Little Leaf	(3)	M. J. Goode, J. L. Bowers and the Arkansas Agricultural Experiment Station
DELPHINIUM 8900328	Magic Fountains White		John Bodger & Sons Co.
	Magic Fountains Dark Blue/Dark Bee		John Bodger & Sons Co.
9000001	Magic Fountains Lilac Pink		John Bodger & Sons Co.
9000002	Magic Fountains Sky Blue		John Bodger & Sons Co.
9000003			
ENDIVE 8900249	Scala		Vilmorin S.A.
ERAGROSTIS TEF 8900033	Dessie	(2)	Maskal Forages, Inc.
FENNEL 9000044	<D'Arrigo>		D'Arrigo Bros. Co. of California

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
FESCUE, HARD 8800156	SR 3000		Seed Research of Oregon, Inc.
FESCUE, RED 8900061	Cindy	(3)	Cebeco-Handelsraad, Neth.
8900063	Victor		Maamersteeg International B.V.
8900197	Capitol	(3)	Cebeco-Handelsraad
8900198	Claudia	(3)	Cebeco-Handelsraad
8900241	Shademaster		Pure-Seed Testing, Inc.
9000052	Jasper		Pickseed West Inc.
FESCUE, SHEEP 9000053	<MX-86>		Jacklin Seed Company

FESCUE, TALL 8800235	Tribute		Lofts Seed, Inc.
8900069	Chieftain		Pickseed West Inc.
8900083	Barnone	(3)	Barenbrug Holland B.V.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>FESCUE, TALL</b> (Continued)			
8900167	Thoroughbred		Pickseed West Inc.
8900220	Courtenay		Daehnfeldt Inc.
8900242	Jaguar II		Pure-Seed Testing, Inc.
8900243	Winchester		Pure-Seed Testing, Inc.
8900259	Carefree		International Seeds Inc.
8900298	Shortstop		Pickseed West Inc.
8900301	Richmond		International Seeds Inc.
8900306	Maverick II		Pickseed West Inc.
9000004	Bonsai		KWS-AG
9000035	Crossfire		Pickseed West Inc.
9000037	Shenandoah		R. J. Peterson Enterprises, Inc.
9000054	Guardian		Pickseed West Inc.
<b>FLACCIDGRASS</b>			
8900028	Carostan		North Carolina Agricultural Research Service

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
HARDINGRASS 8900076	Oasis		Alabama Agricultural Experiment Station
LENTIL 8900279	Lolita		Wilbur Ellis Company
LETTUCE			
8700182	Kelvin		Royal Sluis B.V.
8700183	Esmeralda		Royal Sluis B.V.
8800009	Winter King		Bruce Church, Inc.
8800021	Salverde		Ferry-Morse Seed Company
8800198	Genecorp Cos		Genecorp Technology
8800199	Ideal Cos		Genecorp Technology
8800200	Major Cos		Genecorp Technology
8800201	Cos King		Genecorp Technology
8900003	Pinnacle		Bruce Church, Inc.
8900004	Monarch		Bruce Church, Inc.
8900006	Honcho II		Genecorp, Inc.

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## INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
LETTUCE (Continued)			
8900014	Red Sceptre		Asgrow Seed Company
8900021	Andros		Asgrow Seed Company
8900022	Capri		Asgrow Seed Company
8900023	Racy Red		Genecorp Technology
8900024	Genesys Green		Genecorp Technology
8900025	Van 007X		Genecorp, Inc.
8900030	Lettich		Genecorp, Inc.
8900032	Parris Island Cos 318		Royal Sluis, Inc.
8900042	Duchesse		Ferry-Morse Seed Company
8900043	Fallgreen		Ferry-Morse Seed Company
8900044	Snowbird		Ferry-Morse Seed Company
8900054	Le Cup		Asgrow Seed Company
8900088	Champ	(*)	Genecorp, Inc.
8900097	<MX31-2>	(*)	Sakata Seed America, Inc.
8900098	<MX 214 >	(*)	Sakata Seed America, Inc.
8900099	<MX-250>	(*)	Sakata Seed America, Inc.
8900102	Target		Arthur Yates & Co. Pty. Ltd.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
LETTUCE (Continued)			
8900103	Bulls Eye		Arthur Yates & Co. Pty. Ltd.
8900110	Bella Rosa		Plant Genetics, Inc.
8900137	Don Juan		Harris Moran Seed Co.
8900182	Sangria		Vilmorin, S.A.
8900183	Sudia		Vilmorin, S.A.
8900228	Yuppie		Genecorp, Inc.
8900257	Bud 71-3		Bud Antle, Inc.
8900280	Maverick II		Genecorp, Inc.
8900281	Raider		Genecorp, Inc.
8900294	Prince		Genecorp, Inc.
8900299	Desert Spring		Genecorp, Inc.
8900305	<XP 5420>		Asgrow Seed Company
9000024	Pioneer		Bruce Church, Inc.
9000025	Summit		Bruce Church, Inc.
9000029	<XP 5614>		Asgrow Seed Company
9000030	Etna		Vilmorin, S.A.
9000055	Alpha DMR		Harris Moran Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
LETUCE (Continued)			
9000062	Eline		TS Seeds BV
LOBELIA, ANNUAL			
8900072	<L 16>		Sluis & Groot Research
8900285	<PI40>		Sluis & Groot Research
8900286	<PI83>		Sluis & Groot Research
MARIGOLD			
8900070	Aurora Yellow Fire		Goldsmith Seeds, Inc.
8900071	Janie Tangerine		Goldsmith Seeds, Inc.
8900119	Neranion		Cardo Construct
8900302	Disco Flame		John Bodger & Sons Co.
8900303	Hero Orange		John Bodger & Sons Co.
8900304	Safari Yellow		John Bodger & Sons Co.

MUSkmelon 8800001 M21

Northrup King Co.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>MUSKMELON (Continued)</b>			
9000034	Top Mark F.R.		Northrup King Co.
OAT			
8700067	Starter	(3)	Minnesota Agricultural Experiment Station
8800049	Hercules	(3)	Pennsylvania Agricultural Experiment Station and USDA-ARS
8900117	Pennuda	(3)	Pennsylvania Agricultural Experiment Station and USDA-ARS
ONION			
8800044	Granny-X		Nickerson-Zwaan
8800045	Everest		Nickerson-Zwaan
8800207	Texas Grano	438	Texas Agricultural Experiment Station
8800208	Dorada		Texas Agricultural Experiment Station
8800209	Perla		Texas Agricultural Experiment Station
8900276	<NTZ 0110>		Nickerson-Zwaan B.V.
8900277	<NTZ 0111>		Nickerson-Zwaan B.V.

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.  
< > Identifies temporary designations.

INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

<u>APPL. NO.</u>	<u>VARIETY</u>	<u>GEN. (*)</u>	<u>NAME OF APPLICANT</u>
ORCHARDGRASS 8800105 9000010	Summer Green Benchmark		Snow Brand Seed Company FFR Cooperative
PARSNIP 8900115	Andover		Regents of the University of Minnesota
PEA			
	8900002	Summit	Crites-Moscow Growers, Inc.
	8800088	Quest	Gallatin Valley Seed Co., a division of Rogers Brothers Seed Company
	8900065	Sun-Up	Pure Line Seeds, Inc.
	8900066	Scamp	Pure Line Seeds, Inc.
	8900067	Sentry	Pure Line Seeds, Inc.
	8900068	Sun Burst	Pure Line Seeds, Inc.
	8900081	Impala	Cebeco-Handelsraad, Neth.
	8900106	Reco	NESTEC S.A.
	8900107	Nordic	Rogers Brothers Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
PEA (Continued)			
8900145	Renata	(3)	Cebeco-Handelsraad
8900157	Aim		Asgrow Seed Company
8900158	Karisma		Asgrow Seed Company
8900159	Micro		Asgrow Seed Company
8900160	Quantum		Asgrow Seed Company
8900161	Shield		Asgrow Seed Company
8900162	Turbo		Asgrow Seed Company
8900222	Ava		Canners Seed Corporation
8900223	Boomer		Canners Seed Corporation
8900224	Booster		Canners Seed Corporation
8900225	Prairie		Canners Seed Corporation
8900230	Applause		Canners Seed Corporation
8900261	Dewdrop		Rogers Brothers Seed Company
8900262	Northstar		Rogers Brothers Seed Company
8900296	Dignity		Crites-Moscow Growers, Inc.
9000015	Athena		W. Brotherton Seed Co., Inc.

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## INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
PEANUT 8900116	NC 10C	(3)	North Carolina Agricultural Research Service
PHLOX, ANNUAL			
8900019	<Palona Deeprose>		Sluis & Groot Research
8900020	<Palona Light Salmon>		Sluis & Groot Research
8900048	<K 22>		Sluis & Groot Research
8900049	<K 25>		Sluis & Groot Research
8900050	<K 55>		Sluis & Groot Research
8900051	<K 66>		Sluis & Groot Research
RAPE			
8800137	<LD 9922>	(3)	Daehnfeldt Inc.
8800237	Lirabon-00	(3)	CANOLA, INC.
8900134	Diadem		Calgene, Inc./King Grain Inc.
8900135	Ceres		Calgene, Inc./King Grain Inc.
8900136	Cobra		Calgene, Inc./King Grain Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
RICE			
8900034	S-101	(3)	California Cooperative Rice Research Foundation, Inc.
8900035	M-203	(3)	California Cooperative Rice Research Foundation, Inc.
8900077	V7817	(3)	RiceTec Seed (Farms of Texas Co.)
8900101	M-103		California Cooperative Rice Research Foundation, Inc.
RYEGRASS (LOLIUM X HYBRIDUM)			
8900275	Concord		Challenge Seeds Limited
RYEGRASS, ANNUAL			
8800227	Max		Willamette Seed Co.
8800228	Comet		Willamette Seed Co.
8900007	RustMaster		L. Daehnfeldt A/S
8900300	Surrey		Florida Agricultural Experiment Station
8900327	Jackson		Mississippi Agricultural and Forestry Experiment Station

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## INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>RYEGRASS, PERENNIAL</b>			
8700156	SR 4100		Seed Research of Oregon, Inc.
8700176	Lindsay		International Seeds Inc.
8800224	Dandy		R. H. Bailey Seed, Inc.
8800226	Allaire		KWS-AG
8800229	Prevail	(3)	Willamette Seed Co.
8800234	Blazer II		Pickseed West Inc.
8800238	Pinnacle		Normarc, Inc.
8900008	Calypso		The O. M. Scott & Sons Company
8900045	Riviera		Pickseed West Inc.
8900046	Nova		International Seeds Inc.
8900047	Prestige		International Seeds Inc.
8900057	Mondial		Monnersteeg International B.V.
8900059	Pleasure		Pickseed West Inc.
8900062	Surprise	(3)	Cebeco-Handelsraad, Neth.
8900084	Barrage	(3)	Barenbrug Holland B.V.
8900138	Dillon		International Seeds Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>RYEGRASS, PERENNIAL (Continued)</b>			
8900141	Sherwood		Jonathan Green Inc./Cascade International Seed Co.
8900142	<2H7>		Pure-Seed Testing, Inc.
8900143	Charger		Pure-Seed Testing, Inc.
8900195	Cutless		International Seeds Inc.
8900265	Vantage		International Seeds Inc.
8900272	Yatsyn 1	(3)	New Zealand Agriseeds Ltd.
8900289	Stallion		KWS-AG
8900297	Accolade		The O. M. Scott & Sons Company KWS-AG
8900330	Aquarius		R. J. Peterson Enterprises, Inc.
9000038	<PE 8>		
<b>SAFFLOWER</b>			
8900056	C/W 88-OL		Cal/West Seeds
8900221	S-518	(3)	SeedTec International, Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
SORGHUM			
8800179	A8087C		Cargill, Inc.
8800181	PH257		Pioneer Hi-Bred International, Inc.
8800183	PH308		Pioneer Hi-Bred International, Inc.
8800184	PH309		Pioneer Hi-Bred International, Inc.
8800185	PH310		Pioneer Hi-Bred International, Inc.
8900235	PHA86		Pioneer Hi-Bred International, Inc.
8900236	PHB86		Pioneer Hi-Bred International, Inc.
8900237	PHA82		Pioneer Hi-Bred International, Inc.
8900238	PHB82		Pioneer Hi-Bred International, Inc.
8900239	PH328		Pioneer Hi-Bred International, Inc.
8900240	PH333		Pioneer Hi-Bred International, Inc.
8900256	HP150		Holden's Foundation Seeds, Inc.
8900258	RL59		Northrup King Co.
8900283	R145		Northrup King Co.
SOYBEAN			
8800116	SS 487		Southern States Cooperative, Inc.
8800142	S36-36		Northrup King Co.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
SOYBEAN (Continued)			
8800161	9402		Pioneer Hi-Bred International, Inc.
8800186	CX117		DeKalb-Pfizer Genetics
8800221	<29725K>		Latham Seed Co.
8800222	<34726>		Latham Seed Co.
8800223	<34870>		Latham Seed Co.
8900011	AP 2324		Nickerson American Plant Breeders, Inc.
8900080	Deltapine 726		Delta & Pine Land Company
8900087	Deltapine 415		Delta & Pine Land Company
8900109	FFR 398		FFR Cooperative
8900144	K87		King Grain Inc.
8900146	HS 266		GROWMARK Inc.
8900147	HS 358		GROWMARK Inc.
8900148	HS 2455		GROWMARK Inc.
8900149	HS 2821		GROWMARK Inc.
8900150	HS 4011		GROWMARK Inc.
8900154	Hartz 6200		Jacob Hartz Seed Company, Inc.
8900155	Hartz 6686		Jacob Hartz Seed Company, Inc.

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## INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL.  
NO.VARIETY  
NAME OF APPLICANTGEN.  
(\*)

SOYBEAN (Continued)

8900172	9121	Pioneer Hi-Bred International, Inc.
8900173	9302	Pioneer Hi-Bred International, Inc.
8900174	9303	Pioneer Hi-Bred International, Inc.
8900175	9341	Pioneer Hi-Bred International, Inc.
8900176	9411	Pioneer Hi-Bred International, Inc.
8900177	9461	Pioneer Hi-Bred International, Inc.
8900178	9582	Pioneer Hi-Bred International, Inc.
8900179	9592	Pioneer Hi-Bred International, Inc.
8900180	9711	Pioneer Hi-Bred International, Inc.
8900194	Burlison	Illinois Agricultural Experiment Station
8900209	S07-80	Northrup King Co.
8900210	S17-18	Northrup King Co.
8900211	S19-90	Northrup King Co.
8900212	S20-26	Northrup King Co.
8900213	S30-41	Northrup King Co.
8900214	S31-33	Northrup King Co.
8900215	S42-50	Northrup King Co.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>SOYBEAN (Continued)</b>			
8900218	AI929		Asgrow Seed Company
8900244	A3322		Asgrow Seed Company
8900264	Hartz 6372		Jacob Hartz Seed Company, Inc.
8900284	6925		Northrup King Co.
8900291	6955		Northrup King Co.
8900292	6995		Northrup King Co.
9000005	CX329		DeKalb-Pfizer Genetics
9000006	CX469C		DeKalb-Pfizer Genetics
9000007	A2543		Asgrow Seed Company
9000008	A5979		Asgrow Seed Company
9000013	Hobbit 87	(3)	Ohio Agricultural Research and Development Center and USDA-ARS
9000014	Sprite 87	(3)	Ohio Agricultural Research and Development Center and USDA-ARS
9000023	TK 89		King Grain Inc.
9000027	Sturdy		Minnesota Agricultural Experiment Station
9000028	Kato		Minnesota Agricultural Experiment Station

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>SOYBEAN</b> (Continued)			
9000036	W20	(2)	E. I. du Pont de Nemours and Company
9000045	Hayes	(2)	OARDC, Ohio State University
9000046	Minnatto	(2)	Minnesota Agricultural Experiment Station
<b>STERODISCUS</b>			
8900053	Gold Rush	(1)	Takii and Company, Ltd.
<b>SUNFLOWER</b>			
8900168	Sunspot	K.	SAHIN, Zaden B.V.
			Dr. Ir. E. Sahin
<b>TOBACCO</b>			
8900079	K358		Northrup King Co.
<b>TOMATO</b>			
8600142	887		LSL Biotechnologies, Inc.
8600143	888		LSL Biotechnologies, Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
TOMATO (Continued)			
8700058	Ramsay		Campbell Soup Company Campbell Institute for Research and Technology
8700189	Beall's Gourmet		Frances B. Chesser
8700194	<Sunex 1643>		Sunseeds Genetics, Inc.
8800059	NC 8288		North Carolina Foundation Seed Producers, Inc.
8900012	Fla 7171		Florida Agricultural Experiment Station
8900013	Fla 7060		Florida Agricultural Experiment Station
8900031	Colusa		Ferry-Morse Seed Company
8900111	Yuba		Ferry-Morse Seed Company
8900118	Butte		Ferry-Morse Seed Company
8900204	Enduro		Ferry-Morse Seed Company
8900274	<XP 5034>		Asgrow Seed Company
9000042	90-4792		Northrup King Co.
9000043	90-4794		Northrup King Co.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
TRITICALE			
8700205	Stan-I		Sunseeds Genetics, Inc.
8700206	Eye		Sunseeds Genetics, Inc.
8700207	Victoria		Sunseeds Genetics, Inc.
WATERMELON	Jubilee II		Florida Agricultural Experiment Station
WHEAT, COMMON			
8500177	Basin	(3)	Columbia Basin Seeds
8500178	Cashup	(3)	Columbia Basin Seeds
8500195	<5677>		Lubrizol Genetics, Inc.
8800077	W2501	(3)	Nickerson American Plant Breeders, Inc.
8800078	W2502	(3)	Nickerson American Plant Breeders, Inc.
8900036	<XW371>		Pioneer Hi-Bred International, Inc.
8900037	2370		Pioneer Hi-Bred International, Inc.
8900058	Nomad	(3)	Wheat Specialties International

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>WHEAT, COMMON (Continued)</b>			
8900074	Karl	(3)	Kansas Agricultural Experiment Station
8900112	2548	(3)	Pioneer Hi-Bred International, Inc.
8900120	Rio Blanco	(3)	Agripro Biosciences Inc.
8900121	Bronco	(3)	Agripro Biosciences Inc.
8900122	Sierra	(3)	Agripro Biosciences Inc.
8900123	Waco	(3)	Agripro Biosciences Inc.
8900124	Fjeld	(3)	Agripro Biosciences Inc.
8900130	Hancock	(3)	Agripro Biosciences Inc.
8900205	2163	(3)	Pioneer Hi-Bred International, Inc.
8900206	<XW171>	(3)	Pioneer Hi-Bred International, Inc.
8900231	INW8841	(3)	Purdue University Agricultural Experiment Station
8900232	INW8852	(3)	Purdue University Agricultural Experiment Station
8900293	Merrimac	(3)	Wisconsin Agricultural Experiment Station
8900295	Arapahoe	(3)	Board of Regents, University of Nebraska and USDA-ARS

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1989

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
<b>WHEAT, COMMON (Continued)</b>			
9000012	<DA984-034>	(*)	Western Plant Breeders, Inc.
9000017	ATW 270	(3)	Florida Agricultural Experiment Station
9000018	Florida 303	(3)	Florida Agricultural Experiment Station
9000033	Pinnacle	(3)	Pahl Farms
<b>WHEAT, DURUM</b>			
9000011	NaDura		Northrup King Co.
<b>WHEAT, POLISH</b>			
89000108	QK-77		T. M. Quinn

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JANUARY 1, 1989 TO DECEMBER 31, 1989

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>
BEAN, GARDEN	8600049	Earliserve
BEAN, GARDEN	8600050	Landmark
CLOVER, WHITE	8300147	Ross
LETTUCE	8800205	Red Lakes
MARIGOLD	8800167	Janie Harmony
MARIGOLD	8800168	Aurora Fire
MARIGOLD	8800169	Aurora Gold

< > Identifies temporary designations.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JANUARY 1, 1989 TO DECEMBER 31, 1989

KIND	APPL. NO.	VARIETY
SESAME	8800128	Sesaco 10
SESAME	8800129	Sesaco 11
SOYBEAN	8800066	DSR-135
SOYBEAN	8800068	DSR-184
WHEAT, COMMON	8600025	<83501>
WHEAT, COMMON	8600157	Carson
WHEAT, COMMON	8700068	7101
WHEAT, COMMON	8800054	Pacer

< > Identifies temporary designations.

INDEX TO CERTIFICATES ISSUED IN 1989

Certificates of plant variety protection have been issued for the varieties listed below. All rights to which the certificate owner is entitled shall be in force until further notice in the Official Journal. Seed of the varieties listed here may be labeled "Unauthorized Propagation Prohibited - U.S. Protected Variety."

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
ALFALFA 8800119	York	02/28/89	Plant Genetics, Inc.	
8900064	Allegiance	(*) 03/31/89	United AgriSeeds, Inc.	
BEAN, FIELD 8800115	Bill Z	(3) 06/30/89	Colorado State University	
BEAN, GARDEN 8600052	Venture	04/28/89	Rogers Brothers Seed Company	
8600094	Yukon	09/29/89	Asgrow Seed Company	

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
BEAN, GARDEN (Continued)				
8600096	Eureka	12/29/89		Asgrow Seed Company
8600097	B169	11/30/89		Asgrow Seed Company
8600098	Sentry	12/29/89		Asgrow Seed Company
BLUESTEM, BIG				
8800020	Niagara	(2)	01/31/89	Research Corporation Technologies, Inc. and USDA-ARS
COREOPSIS, PERENNIAL				
8800196	Early Sunrise	01/31/89		W. Atlee Burpee Company
CORN, FIELD				
8800029	787	03/31/89		Northrup King Co.

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
CORN, FIELD (Continued)				
8800032	W8304	03/31/89	Northrup King Co.	
8800149	NS501	04/28/89	United AgriSeeds, Inc.	
8800150	Q9603	04/28/89	United AgriSeeds, Inc.	
8800177	11430	03/31/89	Cargill, Inc.	
8800178	2369	03/31/89	Cargill, Inc.	
8800189	87916W	01/31/89	DeKalb-Pfizer Genetics	
8800193	2M222	01/31/89	DeKalb-Pfizer Genetics	
8800194	MBST	02/28/89	DeKalb-Pfizer Genetics	

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INDEX TO CERTIFICATES ISSUED IN 1989

44

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
CORN, FIELD (Continued)				
8800211	PHM49	01/31/89	Pioneer Hi-Bred International, Inc.	
8800212	PHP02	01/31/89	Pioneer Hi-Bred International, Inc.	
8800213	PHR47	01/31/89	Pioneer Hi-Bred International, Inc.	
8800214	PHT10	02/28/89	Pioneer Hi-Bred International, Inc.	
8800215	PHW52	02/28/89	Pioneer Hi-Bred International, Inc.	
8800216	PH93	02/28/89	Pioneer Hi-Bred International, Inc.	
8800217	PHN47	03/31/89	Pioneer Hi-Bred International, Inc.	
8800218	PHR32	03/31/89	Pioneer Hi-Bred International, Inc.	

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INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
CORN, FIELD 8800219	(Continued) PH760		03/31/89	Pioneer Hi-Bred International, Inc.
8800220	PH779		03/31/89	Pioneer Hi-Bred International, Inc.
COMPEA 8700185	CT Pinkeye Purplehull		04/28/89	C. T. Smith Company
8900113	Mississippi Pinkeye	(3)	11/30/89	Mississippi Agricultural and Forestry Experiment Station
FESCUE, TALL 8700162	Martin		11/30/89	University of Missouri
8700163	Mozark		11/30/89	University of Missouri
8700177	Trident		12/29/89	International Seeds Inc.

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
8700178	FESCUE, TALL (Continued) Cajun	07/31/89		International Seeds Inc.
8700199	Pacer	12/29/89		International Seeds Inc.
8800123	Maximize	06/30/89		Pure-Seed Testing, Inc.
8800132	Amigo	06/30/89		Pure-Seed Testing, Inc.
8800135	Murietta	06/30/89		Pure-Seed Testing, Inc.
8800155	Titan	12/29/89		Seed Research of Oregon, Inc.
8800170	Cattle Club	01/31/89		FFR Cooperative

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
LETTUCE 8600150	Bounty		03/31/89	Petoseed Co., Inc.
8700023	Redprize		02/28/89	Ferry-Morse Seed Company
8800023	Fanfare		02/28/89	Ferry-Morse Seed Company
8800027	Garnet		03/31/89	Ferry-Morse Seed Company
8800051	Green Bowl		04/28/89	Asgrow Seed Company
8900002	Rosalita		02/28/89	Johnny's Selected Seeds and Brinker Orsetti Seed Co., Inc.
8900027	Primavera		04/28/89	Genecorp Technology
8900029	Atlas		06/30/89	Genecorp, Inc.

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**INDEX TO CERTIFICATES ISSUED IN 1989**

<b>CERT. NO.</b>	<b>VARIETY</b>	<b>GEN. (*)</b>	<b>ISSUE DATE</b>	<b>OWNER</b>
OAT	8400135 833		07/31/89	Arkansas County Seed Co., Inc.
	8800204 Mesquite II		08/31/89	Douglass W. King Co.
PEA	8700148 Frolic		01/31/89	Rogers Brothers Seed Company
	8800206 Irby Scotch		01/31/89	Campbell Soup Company
PEPPER	8800202 Vegi-Sweet		02/28/89	DNA Plant Technology Corporation
RYEGRASS, PERENNIAL			09/29/89	Seed Research of Oregon, Inc.
	8700155 SR 4000		11/30/89	Pure-Seed Testing, Inc.
	8800113 Pebble Beach			

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
<b>RYEGRASS, PERENNIAL (Continued)</b>				
8800114	Saturn	11/30/89	Pure-Seed Testing, Inc.	
8700113	S29-20	02/28/89	Northrup King Co.	
8800124	AP 2021	01/31/89	Nickerson American Plant Breeders, Inc.	
8800125	AP 3977	01/31/89	Nickerson American Plant Breeders, Inc.	
8800148	Sharkey	(3) 04/28/89	Mississippi Agricultural & Forestry Experiment Station	
8800151	A5403	02/28/89	Asgrow Seed Company	

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
SOYBEAN (Continued)				
8800165	9301	01/31/89	Pioneer Hi-Bred International, Inc.	
8800166	9501	01/31/89	Pioneer Hi-Bred International, Inc.	
8800174	A3415	02/28/89	Asgrow Seed Company	
8800175	A4009	02/28/89	Asgrow Seed Company	
8800187	CX458	04/28/89	DeKalb-Pfizer Genetics	
8800188	CX298	04/28/89	DeKalb-Pfizer Genetics	
8900009	AP 1650	04/28/89	Nickerson American Plant Breeders, Inc.	

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
SOYBEAN (Continued)				
8900010	AP 1989		04/28/89	Nickerson American Plant Breeders, Inc.
8900060	Conrad	(3)	09/29/89	Iowa Agriculture and Home Economics Experiment Station
8900271	Camp	(2)	11/30/89	Virginia Polytechnic Institute and State University
SUNFLOWER				
8800180	687		06/30/89	Cargill, Inc.
TOMATO				
8600136	Peto 111		02/28/89	Petoseed Co., Inc.
8700026	Diablo		12/29/89	Harris Moran Seed Company

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
TOMATO (Continued)				
8700116	71-75	08/31/89		Nabisco Brands Inc.
8700123	DNAP-17	11/30/89		DNA Plant Technology Corporation
8700143	Ohio 8243	09/29/89		Dr. Stanley Z. Berry and The Ohio State University
TRITICALE				
8400144	Triti-Gold 22	09/29/89		Dean Bork
WHEAT, COMMON				
8300151	Arkan	(3) 07/31/89		Kansas Agricultural Experiment Station
8500106	Rodeo	(3) 01/31/89		HybriTech Seed International, Inc.
8500194	5630	09/29/89		Lubrizol Genetics, Inc.

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
<b>WHEAT, COMMON (Continued)</b>				
8500196	5469	09/29/89	Lubrizol Genetics, Inc.	
8600038	Tammy	(3) 02/28/89	World Seeds, Inc.	
8700138	GR860	(2) 03/31/89	The Ohio State University Ohio Agricultural Research and Development Center	
8700139	GR863	(2) 03/31/89	The Ohio State University Ohio Agricultural Research and Development Center	
8700159	Coker 9733	(3) 01/31/89	Northrup King Co.	
8700160	Coker 9766	12/29/89	Northrup King Co.	

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
<b>WHEAT, COMMON (Continued)</b>				
8700167	Cody	(3)	01/31/89	The Board of Regents, The University of Nebraska
8700168	Redland	(3)	01/31/89	The Board of Regents, The University of Nebraska
8700188	Syringa	(3)	08/31/89	Plant Breeders 1, Inc.
8700202	2180		01/31/89	Pioneer Hi-Bred International, Inc.
8800012	2375		02/28/89	Pioneer Hi-Bred International, Inc.
8800033	Norkan	(3)	02/28/89	Kansas Agricultural Experiment Station

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INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GRN. (*)	ISSUE DATE	OWNER
WHEAT, COMMON 8800034	Dodge	(3)	02/28/89	Kansas Agricultural Experiment Station
8800080	Traveler	(3)	01/31/89	Nickerson American Plant Breeders, Inc.
8800095	Clark	(2)	07/31/89	Purdue University Agricultural Experiment Station
8800121	GR876	(2)	03/31/89	The Ohio State University Ohio Agricultural Research and Development Center
8800122	Dynasty	(3)	04/28/89	The Ohio State University Ohio Agricultural Research and Development Center

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## INDEX TO CERTIFICATES ISSUED IN 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
<b>WHEAT, COMMON (Continued)</b>				
8800231	Baker	(*)	08/31/89	Western Plant Breeders, Inc.
8900015	7805	(3)	12/29/89	HybriTech Seed International, Inc.
8900016	7833	(3)	12/29/89	HybriTech Seed International, Inc.
8900017	7837	(3)	12/29/89	HybriTech Seed International, Inc.
8900018	7846	(3)	12/29/89	HybriTech Seed International, Inc.
<b>WHEAT, DURUM</b>				
8800232	Imperial	(*)	04/28/89	Western Plant Breeders, Inc.
8800233	WestBred 883	(*)	03/31/89	Western Plant Breeders, Inc.
8900082	Durex	(3)	07/31/89	Farmers Marketing Corporation

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INDEX TO CERTIFICATES EXPIRED

JANUARY 1, 1989 TO DECEMBER 31, 1989

The term of protection has expired for the certificates listed below. The U.S. Plant Variety Protection Act no longer prohibits the unauthorized propagation of these varieties nor requires them to be sold by variety name only as a class of certified seed. However, varieties published in this list may possibly be protected under the Patent Act.

CERT. NO.	VARIETY	GEN. EXPIRATION (*) DATE
PEA	Colworth Swan	89/09/30

89/09/30 Unilever, Ltd., U.K.

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(\*) The Plant Variety Protection Act no longer requires these varieties to be sold by variety name only as a class of certified seed.

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
PLANT VARIETY PROTECTION OFFICE  
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